AMENDMENTS TO THE SPECIFICATION:

At page 18, lines 19 – 29, and page 19, lines 1 - 3, please replace the paragraph as:

The presence of a large pacing artifact signal may complicate the classification of the cardiac response to pacing. Various embodiments of the invention are directed to methods involving detection of a cardiac signal following pacing and canceling the pacing artifact from the detected signal. Classification of the cardiac response to pacing may be implemented using the pacing artifact cancelled signal. Cancellation of the pacing artifact in cardiac response classification is particularly important when the same or similar electrode combinations are used both for delivering pacing pulses and for sensing the cardiac signals following the delivery of the pacing pulses. Cancellation of the pacing artifact may also be used when a first electrode combination is used for pacing the heart chamber and a different electrode combination is used to sense the subsequent cardiac response. Methods and systems for pacing artifact cancellation are described in commonly owned U.S. Patent ~~Application, Serial Number 10/335,534, filed December 31, 2002~~No. 7,162,301, which is incorporated by reference herein in its entirety.

At page 21, lines 12 – 23, please replace the paragraph as:

Subcutaneous electrodes may provide additional sensing vectors useable for cardiac response classification. In one implementation, cardiac rhythm management system may involve a hybrid system including an intracardiac device configured to pace the heart and an extracardiac device, e.g., a subcutaneous defibrillator, configured to perform functions other than pacing. The extracardiac device may be employed to detect and classify cardiac response to pacing based on signals sensed using subcutaneous electrode arrays. The extracardiac and intracardiac devices may operate cooperatively with communication between the devices occurring over a wireless link, for example. Examples of subcutaneous electrode systems and devices are described in commonly owned U.S. ~~Patent Applications 10/462,001, filed June 13, 2003 and 10/465,520, filed June 19, 2003~~Publication No. 2004/0230229 and U.S. Publication No. 2004/0230230, which are incorporated herein by reference in their respective entireties.

At page 29, lines 25 – 29, and page 30, lines 1 – 5, please replace the paragraph as:

The first and/or the second capture detection windows may be updated 1090 based on the characteristics of the sensed cardiac signal. In one implementation, the location of the cardiac signal peaks in the first and the second capture detection windows are combined with previously acquired cardiac signal peaks, for example, by averaging. The new average peak locations may be used to define the locations of subsequent capture detection regions. Various methods and systems for initializing and updating target regions including capture detection regions are described in commonly owned U.S. Patent ~~Application identified by Serial Number 10/448,260, filed May 28, 2003~~No. 7,477,932, which is incorporated herein by reference in its entirety.

At page 38, lines 14 – 25, please replace the paragraph as:

Embodiments of the invention are directed to methods and systems employing one or more retriggerable cardiac response classification windows. Various embodiments describe discriminating between cardiac response types based on one or more characteristics of the cardiac signal detected the cardiac response classification windows. The use of multiple classification windows for cardiac response classification is described in commonly owned U.S. Patent ~~Application, identified under Attorney Docket Number GUID.045PA, filed December 11, 2003~~No. 7,319,900, and incorporated herein by reference in its entirety. Methods and systems for cardiac response classification involving using different pacing and sensing electrode combinations are described in commonly owned U.S. ~~Patent Application, identified under Attorney Docket Number GUID.160PA, filed concurrently with this patent application and~~Publication No. 2005/0131478, incorporated herein by reference in its entirety.